

# Carpet Recovery Coalition



October 22, 2013

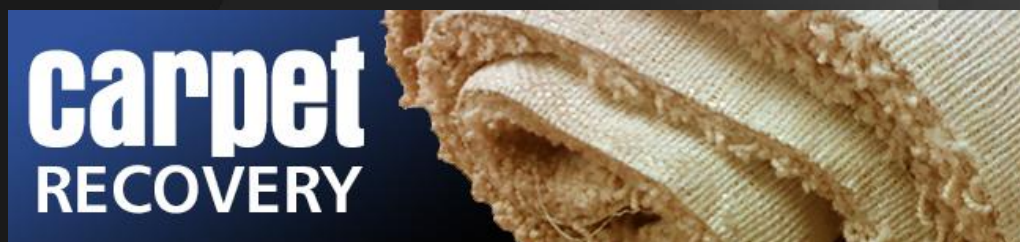
**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)

# Why carpet?

- Bulky, takes up landfill space
- Recyclable
- SC outlets – recovery and recycling
- Industry employs 122 in SC



**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)

# Stakeholders

- State Government
- University
- Industry
- Local Governments



**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)

# CRC Brochure

## About the Coalition ...

**The S.C. Carpet Recovery Coalition** (CRC) encourages post-consumer carpet recycling by cities, counties and businesses in the state.

South Carolina is a leader for carpet recycling in the Southeast – with several hundred million pounds of carpet recycling capacity.

Nationally, the carpet recycling industry employs 3,300 workers who turn carpet into new products.

**We can do more.** Encouraging the recovery of carpet in your community will save landfill space and provide economic benefit through the production of value-added goods for the automotive and construction industries.



## Why recycle carpet?

Carpet is bulky and will stay in landfills forever. Recycling carpet saves natural resources, conserves landfill space, reduces the dependency on fossil fuels and can save money through reduced disposal costs. Recycling allows a product at the end of its useful life to become a new resource.

Carpet can be made into fiber to produce: **new carpet; carpet padding; erosion-control products; and construction material.**

Carpet fiber also can be converted into plastic pellets and used in many products including furniture and automotive components – like cam covers manufactured for Ford and other auto engines.



Cam Cover



[www.RecyclinginSC.com](http://www.RecyclinginSC.com)



[www.scdhec.gov](http://www.scdhec.gov)

S.C. Department of Health and Environmental Control  
Printed on RECYCLED-CONTENT Paper  
DHEC OR-1075 8/13



Our goal is to maximize the economic and environmental benefits of carpet recycling in South Carolina.

Want to learn more?

**1-800-768-7348**

**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

**1-800-768-7348 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)**

# CRC Brochure

## Carpet Recycling Guidelines ...

S.C. carpet recycling companies accept post-consumer and post-industrial carpet. If starting a collection program at a retail business or local government, please contact a coalition partner for recovery guidelines.

### ACCEPTED

- ✓ dry carpet and padding
- ✓ rolled residential carpet



carpet padding

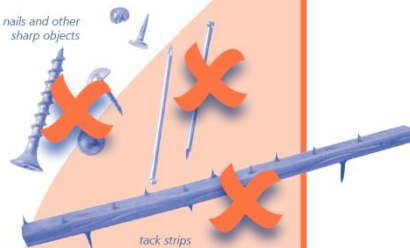


rolled carpet

### NOT ACCEPTED

- ✗ commercial/glue down carpet
- ✗ rubber backing
- ✗ carpet tile
- ✗ tack strips
- ✗ nails or other sharp objects
- ✗ rocks, trash or other debris
- ✗ wet carpet and padding

nails and other sharp objects



tack strips

## Things to Consider ....

When setting up a carpet recycling program, consider these steps.

- Train staff on the proper methods of carpet recovery.
- Make sure that the carpet is free of debris, dry and rolled.
- Place the collection trailer in a convenient location.
- Work with the S.C. carpet recycling industry on how to manage carpet.

## Carpet Recycling in Your Area ....

---

---

---

---

---

---

---

---

**Office of Solid Waste Reduction & Recycling**

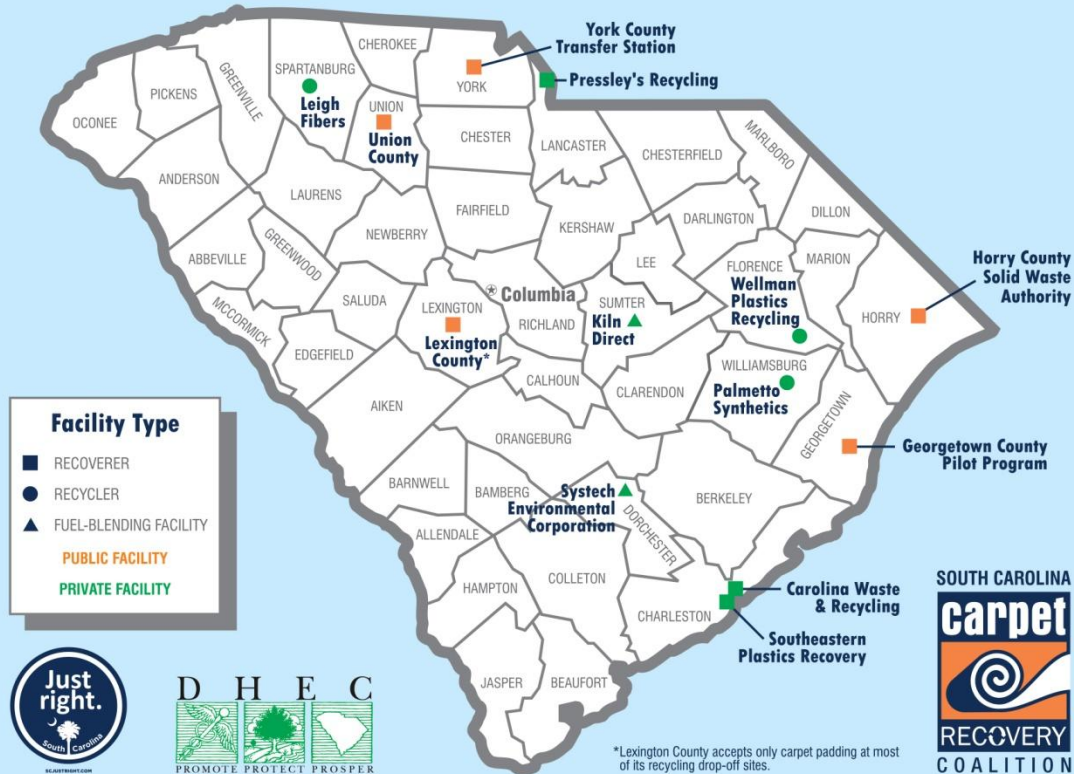
S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)



# CRC Map

## CARPET RECOVERY FACILITIES IN SOUTH CAROLINA



Office of Solid Waste Reduction & Recycling

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1-800-768-7348 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)

# CRC Website



**Carpet Home**

[Glossary](#)

[Success Stories](#)

[Contact Us](#)

**Resources**

[Brochure](#)

[Map](#)

[Links](#)

[Recycling Home](#)

[Bureau of Land and Waste Management Home](#)





## carpet RECOVERY

### Why recover carpet?

Carpet is bulky and will stay in landfills forever. Recycling carpet saves natural resources, conserves landfill space, reduces the dependency on fossil fuels and can save money through reduced disposal costs.

Recycling allows a product at the end of its useful life to become a new resource. Carpet can be made into fiber to produce:

- new carpet;
- carpet padding;
- erosion-control products; and
- construction material.

Carpet fiber also can be converted into plastic pellets and used in many products including furniture and automotive components like cam covers manufactured for Ford and other auto engines.

### Carpet recovery is good business.

South Carolina is a leader for carpet recycling in the Southeast -- with several hundred million pounds of carpet recycling capacity. Nationally, the carpet recycling industry employs 3,300 workers who turn carpet into new products. This same industry employs 122 workers in South Carolina.

### South Carolina Carpet Recovery Statistics

| Jobs Created | Post-consumer Carpet Collected in 2012 | Post-consumer Carpet Processed in 2012 |
|--------------|--|--|
| 122*         | 3,874,660 pounds                       | 4,830,000 pounds                       |

\*Accounts for 9 percent of all carpet recycling jobs in the United States



[S.C. Carpet Recovery Coalition Brochure](#)



[Carpet Recovery Facilities in South Carolina](#)

## www.scdhec.gov/carpet

Office of Solid Waste Reduction & Recycling

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1-800-768-7348 • www.scdhec.gov/recycle

# Success Story



- Began May 2012 when the recycler placed a trailer at the site.
- 18 percent tipping fee cost savings of \$5 per ton.
- The recycler picks up within 24 to 48 hours with a load minimum of 15 tons.
- To date, this program has recycled **360.20 tons** of carpet and **63.53 tons** of padding for a total of **423.73 tons**.
- It is estimated that **three days** of Class 2 landfill airspace has been saved.





# Success Story Union County

- Started March 2012 with the carpet recycler placing a 53-foot trailer at Union County's dock.
- Trained attendants on carpet recycling and informed retailers and installers.
- Newspaper article was used to provide information on carpet recycling in the county.
- Carpet is stored in old oil sheds.
- Uses a truck, trailer, one employee and two inmates.
- Program challenges – not enough carpet, carpet with trash, loading the maximum weight and wet carpet.
- Results: Recycled **36 tons** of carpet.

**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)

# Do Your Part

- Start a carpet recycling program.
- Use DHEC grants for carpet recycling.
- Partner with counties in your area.
- Use the resources.

**Office of Solid Waste Reduction & Recycling**

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

1 - 8 0 0 - 7 6 8 - 7 3 4 8 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)



**For more information:**

**Stacey Washington**

**[stacey.washington@dhec.sc.gov](mailto:stacey.washington@dhec.sc.gov)**

**803-898-1329**

**Office of Solid Waste Reduction & Recycling**

**S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**

**1-800-768-7348 • [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)**